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REVISED REPORT

17 August 2012

Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221

RE: Arkwood Monthly Sampling
SDG Number: 1207302

Enclosed are the results of analyses for samples received by the laboratory on 31-Jul-12 09:50. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Preservation Confirmed	✓
Received On Ice	✓
Temperature on Receipt	4.0°C

Sincerely,

A handwritten signature in blue ink that reads "Norma James".

Norma James
President

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CASE NARRATIVE

Sample Delivery Group – 1207302

The three compounds labeled (surr) on the attached final report are "surrogates." Recovery of surrogates is for lab use only to determine the effectiveness of the extraction procedure; surrogate recoveries are not analytical results. The three surrogate compounds are as follows: 2,4,6-tribromophenol, 2-fluorophenol, and Phenol-d5.

Qualified Analytical and/or Quality Control Results are Discussed Below:

Surrogate Failure: The surrogates 2,4,6-Tribromophenol and Phenol-d5 failed to recover within acceptance criteria in sample 1207302-02 (Weir). The surrogate recoveries were qualified by "%D3" and Pentachlorophenol was qualified as "estimated" (E1) for sample 1207302-02. Please note the surrogate 2,4,6-Tribromophenol had no recovery at all. This surrogate also had no recovery in the MS and MSD samples for which sample 1207302-02 (Weir) was used as the parent sample indicating a problem with the sample matrix.

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ANALYTICAL RESULTS

Lab Number: 1207302-01
Sample Name: Mouth
Date/Time Collected: 7/30/12 10:40
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	5.68		8/5/12 17:52	A208019	8270D
2,4,6-Tribromophenol [surr]	%	111		8/5/12 17:52	A208019	8270D
2-Fluorophenol [surr]	%	51.7		8/5/12 17:52	A208019	8270D
Phenol-d5 [surr]	%	31.5		8/5/12 17:52	A208019	8270D

ANALYTICAL RESULTS

Lab Number: 1207302-02
Sample Name: Weir
Date/Time Collected: 7/30/12 10:30
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	< 5.00	E1	8/5/12 18:14	A208019	8270D
2,4,6-Tribromophenol [surr]	%	NREC	NREC	8/5/12 18:14	A208019	8270D
2-Fluorophenol [surr]	%	21.3		8/5/12 18:14	A208019	8270D
Phenol-d5 [surr]	%	11.3	%D3	8/5/12 18:14	A208019	8270D

QUALITY CONTROL RESULTS

Semivolatiles -- Batch: A208019 (Water)

Prepared: 01-Aug-12 15:14 By: KR -- Analyzed: 05-Aug-12 17:31 By: LR

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Pentachlorophenol	<5.00 ug/L	121% / NA	77.8% / 80.6%		3.11%	
2,4,6-Tribromophenol [surr]	107 %	113% / NA	No Rec / No Rec		NA	NREC
2-Fluorophenol [surr]	51.8 %	53.1% / NA	26.4% / 29.1%		NA	
Phenol-d5 [surr]	31.8 %	37.5% / NA	16.4% / 18.8%		NA	

QUALIFIER(S)

*%D3: Surrogate Percent Recovery Does Not Meet Laboratory Acceptance Criteria
*E1: Estimated Result Due to Surrogate Failure
*NREC: No Recovery

All Analysis performed according to EPA approved methodology when available:

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:

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President

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CHAIN OF CUSTODY FORM(S)



**11701 Interstate 30, Bldg. 1, Ste. 115
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PHONE: 501-455-3233
FAX: 501-455-6118**

CHAIN OF CUSTODY RECORD

[illegible]Revision 1
12/1/10